

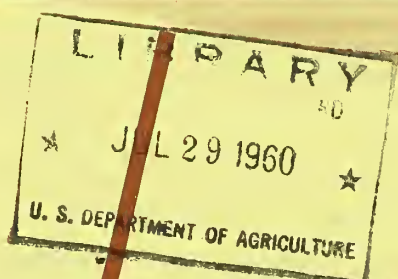
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X *Annual*
R.O.P. and
" " "
Performance Test
Summary, 1958-1959 X



Agricultural Research Service
June 1960 ARS 44-7

UNITED STATES DEPARTMENT
OF AGRICULTURE

FOREWORD

This report is divided into four sections: (1) ROP Candidate Records, (2) On-the-Farm Performance Test - egg production, (3) Performance Tested Parent Stock Candidate Records - egg production, and (4) Performance Tested Parent Stock Candidate Records - meat production.

The ROP Candidate Records, pages 5 to 8, were compiled from trapnest records obtained on the breeder's farm, for ROP female qualification. At the end of the trapnest period, all performance records for the candidates are summarized by the ROP Supervisor and submitted to the Animal Husbandry Research Division for publication. ROP females may be qualified on any one or more of the bases (A, B, C, or D) described below under "Abbreviations and Symbols".

The On-the-Farm Performance Test records, page 9, were compiled under official supervision, on a random sample of at least 125 pullet chicks maintained on the breeder's premises.

The Performance Tested Parent Stock Candidate Records - egg production, pages 9 to 18, were obtained from random sample and multiple unit tests. Only the records of stocks which were entered for the U. S. Performance Tested Parent Stock Classification are included.

Entries in acceptable central tests for which proper application has been made to the Official State Agency are candidates for the U. S. Performance Tested Parent Stock Classification. The male and female lines of the qualified stocks may be sold as Performance Tested Parent Stock. When these lines are mated in the same combination as for the production of the qualifying entry the flocks may be classified as "U. S. Certified for Eggs".

The Performance Tested Parent Stock Candidate Records - meat production, pages 19 and 20 were obtained from the Arkansas Meat Production and Egg Phase Performance Test. This test is limited to Plan participants and is the only one which meets the Plan requirements for both growing and laying phases.

All participants listed in this publication were U. S. Pullorum-Typhoid Clean at the conclusion of the test period. Refer to the latest revision of ARS 44-6, or the appropriate Official State Agency for the current Pullorum-Typhoid classification.

The complete provisions of the National Poultry Improvement Plan are contained in U. S. D. A. Miscellaneous Publication 739, copies of which may be obtained from Official State Agencies for the Plan or by writing directly to the Poultry Improvement Section, AH Division, Agricultural Research Center, Beltsville, Md.

ABBREVIATIONS AND SYMBOLS

Basis for Qualifying ROP Females:

- A - Individual birds, 219 eggs in 365 days
- B - Individual birds, 60% production for at least 10 months
- C - Families of 6 or more, 65% production for at least 10 months
- D - Families of 8 or more, 70% production for at least 13 weeks

A list of those egg production stocks which qualified in 1958-59 as U. S. Performance Tested Parent Stock for Eggs appears on page 21, those stocks with continuing qualification from 1957-58 are also shown. Qualification was based upon income above the feed and chick cost per pullet housed as provided for in Section 145.24 (a)(1), as amended August 14, 1959.

Stocks which qualified as U. S. Performance Parent Stock for Meat for 1958-59 and those which continue to qualify from 1957-58 are also listed on page 21. Qualification was based upon rate of growth and egg production as provided for in Section 145.24 (a)(2), as amended August 14, 1959.

An asterisk (*) adjacent to the name of the stock indicates that qualification is limited to the designated stock of that entrant, since the entrant is not the original breeder of this stock. Use of the terms "U. S. Certified for Eggs" or "U. S. Certified for Meat" applies only to eggs or chicks produced by flocks directly under the control of that entrant. (Subsequent to the start of the tests listed herein, the Plan provisions were amended to provide that the application for qualification shall be made by the breeder of the parent stock, but the sample may be taken from any source approved by the breeder for the production of the grade to be tested).

The designation as Performance Tested Parent Stock may be retained for one year after classification, provided the stock is maintained under the supervision of the qualifying breeder, and is mated in the same combination, and for one more year if it is continuously represented by an entry for such classification.

ROP ENTRANTS

<u>Name and Address</u>	<u>Breed and Variety</u>	<u>Page</u>
Anderson, Ralph W. , Hanover, Massachusetts	RIR	6
	WPR	6
Avery, C. T. & Son, Colrain, Massachusetts	RIR	6
Bishop, R. Walter, Guilford, Connecticut	BPR	7
Blue Diamond Poultry Farm, Redwood Falls, Minnesota	WPR	6
Botkin Poultry Farm, Berea, Kentucky	WPR	7
Brender's Leghorns, Ferndale, New York	SCWL	5
Burr's Poultry Farm, Rt. 1, Tunkhannock, Pennsylvania	SCWL	5
Cashman's Leghorn Farm, Webster, Kentucky	SCWL	5
Colonial Poultry Farms, Pleasant Hill, Missouri	SCWL	5
	Delawares	7
Crooks Farm, North Brookfield, Massachusetts	RIR	6
Edmond's Trapnest Leghorns, Luverne, Minnesota	SCWL	5
	Bl. Australorps	8
	California Grays	8
Fletcher, J. O. & Son, Box 548, Concord, North Carolina	SCWL	5
Foreman's Poultry Farm, Lowell, Michigan	SCWL	5
Gasson's Poultry Farm, Versailles, Ohio	SCWL	5
Hanson, J. A. Leghorn Farm, P. O. Box 692, Corvallis, Oregon	SCWL	5
Harco Orchards & Poultry Farm, South Easton, Massachusetts	RIR	6
	BPR	7
Hardy, C. Nelson & Son, Essex, Massachusetts	RIR	6
Haws, Geo. G. , Del Rio Farm, Rt. 1, Bx 460, Mesa, Arizona	SCWL	5
	RIR	6
Lawton, A. C. & Sons, Foxboro, Massachusetts	WPR	7
Larson, Archie M. , Rt. 3, Weiser, Idaho	SCWL	5
Lee's Poultry Farm, Brookville, Ohio	WPR	7
Nedlar Farms, Inc. , Peterborough, New Hampshire	NH	7
Norfolk Co. Agricultural School, Walpole, Massachusetts	RIR	6
	N. E. Whites	8
Parmalee, Harold R. , Rockfall, Massachusetts	BPR	7
Parmenter Reds, Inc. , Franklin, Massachusetts	RIR	6
Pineland Red Farm, Mayesville, South Carolina	RIR	6
Robinson's Poultry Farm, Pine City, Minnesota	SCWL	5
Stanek Poultry Farm, Meshoppen, Pennsylvania	SCWL	5
Virchow Poultry Farm, Waupaca, Wisconsin	SCWL	5
Warren, J. J. , North Brookfield, Massachusetts	RIR	6

ON-THE-FARM PERFORMANCE TEST ENTRY

Norfolk Co. Agricultural School, Walpole, Massachusetts	RIR	9
	N. E. Whites	9

PERFORMANCE TESTED PARENT STOCK ENTRANTS

Amstutz Hatchery, Somerset, Pennsylvania	SCWL, H&N "Nick Chick"	15
Arbor Acre Farms, Glastonbury, Connecticut	WPR	19, 20
Atwood Hatchery, Comanche, Texas	SCWL, H&N "Nick Chick"	17
Avery, C. T. & Son, Colrain, Massachusetts	Sex-Links	15
Babcock Poultry Farm, Inc. , Ithaca, New York	SCWL, Babcock Bessie	10, 11, 12, 13, 14, 15, 16, 17, 18, 21
Bank's Hatchery, Chattanooga, Tennessee	Hy-Line 934 A	17
Brown, Jeff D. & Co. , Springdale, Arkansas	Brown's Ledbreast	19
Cameron Hatchery, Beaver Springs, Pennsylvania	SCWL, DMX	15, 21
Cobb's Pedigreed Chicks, Concord, Massachusetts	WPR, Cobb's "King Size"	19, 20
Cunningham, John, Beaver Falls, Pennsylvania	SCWL 458	15, 21
Dav-El Hatchery, Lakewood, New Jersey	SCWL, H&N "Nick Chick"	13
Darby Leghorn Farm, Somerville, New Jersey	SCWL, Darby DX	11, 12, 13, 15, 18, 21
	SCWL, Pure Darby Str.	11, 12, 14, 16
DeWitt Texas Hatchery, Inc. , Nacogdoches, Texas	SCWL, Babcock Bessie	17
Dirkse Leghorn Farm, Zeeland, Michigan	SCWL, Darby DX	11, 12, 21
	SCWL, Pure Darby Str.	12, 14, 18, 21

PERFORMANCE TESTED PARENT STOCK ENTRANTS (Cont'd)

<u>Name and Address</u>	<u>Breed and Variety</u>	<u>Page</u>
Feather Hill Farm, Dade City, Florida	SCWL, Babcock Bessie	10
Flinn's Hatchery, San Antonio, Texas	SCWL, Honegger Layer	17
Florida Hen Ranch, 2500 N. Wingate Rd., Ft. Lauderdale, Fla.	SCWL, Honegger Layer	10
Frizzell Poultry Farm & Hatchery, Rt. 6, Bx. 171, Tampa, Fla.	SCWL, H&N "Nick Chick"	10
Golden Egg Hatchery, Lakewood, New Jersey	SCWL, Honegger Layer	13
Hansen's Leghorn City, 6003 N. Meridian, Puyallup, Wash.	SCWL Criss Cross 60	11, 12, 14, 18, 21
	SCWL Criss Cross 61	15, 16, 21
	SCWL, H&N "Nick Chick"	9, 10, 11, 12, 13, 15, 16, 17, 18, 21
Heisdorf & Nelson Farms, P. O. Box 428, Kirkland, Wash.		
Hodges Poultry Farm, Callahan, Florida	SCWL, Babcock Bessie	10
Honegger Farms Co., Inc., Forrest, Illinois	SCWL, Honegger Layer	10, 11, 12, 13, 15, 16, 17, 18, 21
Hubbard Farms, Inc., Walpole, New Hampshire (Lancaster, Pa.)	Hubbard 43	19, 20
	Hubbard 496	14, 15, 16, 21
Hudson Hatchery, Jonesboro, Tennessee	SCWL, Babcock Bessie	16
Hy-Line Poultry Farms, 1206 Mulberry, Des Moines, Iowa	Hy-Line 934 C	9, 10, 12, 14, 15, 17, 18, 21
		11, 17, 18, 21
	Hy-Line 934 A	11, 18, 21
	Hy-Line 934 B	11, 18, 21
	Hy-Line 934 C	11
Hy-Line Poultry Farm, Owatonna, Minnesota		
Joe's Poultry Farm, Arcadia, Florida	SCWL, Babcock Bessie	10
Johnson Chick Hatchery, Racine, Minnesota	SCWL, Babcock Bessie	11
Kazmeier-Sherrill Hatchery, Inc., Bryan, Texas	Hy-Line 934 C	18
Keystone Poultry Breeding Farm, Ephrata, Pennsylvania	SCWL, Keystone	14, 15, 21
Lawton, A. C. & Sons, Foxboro, Massachusetts	WPR	14
Lee's Poultry Farm, Brookville, Ohio	WPR 301	15
Liechty's Poultry Farm, Wauseon, Ohio	SCWL, Mt. Hope Queen	12
Longenecker Poultry Farm, Elizabethtown, Pennsylvania	SCWL, K 137	15, 21
Lowry Hatchery, Lowry, Minnesota	SCWL, H&N "Nick Chick"	11
Maple Dale Hatchery, Austin, Minnesota	SCWL, Mt. Hope Queen	11
Melini's Vineland Farms, Vineland, New Jersey	SCWL, Babcock Bessie	13
Mount Hope Poultry Farm, Batavia, New York	SCWL, Mt. Hope Queen	10, 11, 12, 13, 14, 16, 17, 21
Nichols Poultry Farms, Exeter, New Hampshire	Nichols #108	19, 20
Nimton Leghorn Breeding Farm, Bridgeton, New Jersey	SCWL, Mt. Hope Queen	13, 16, 21
Oak Crest Hatchery, Box 67, DeFuniak Springs, Florida	SCWL, Mt. Hope Queen	10
Oak Crest Poultry Farms, Inc., Rt. 4, Bx. 563, Jacksonville 10, Fla.	SCWL, Mt. Hope Queen	10
Peterson Produce Co., Decatur, Arkansas	Peterson Wh. Cornish	19
Pilch Poultry Farms, Inc., Hazardville, Connecticut	Pilch White Rock	19, 20
Pine Acres Poultry Farm, Box 808, Lake City, Florida	SCWL, H&N "Nick Chick"	10
Pine Air Poultry Acres, Rt. 8, Bx. 843, Jacksonville 7, Fla.	SCWL, Honeggers	10
Rapp Leghorn Farm, Inc., Farmingdale, New Jersey	SCWL, Linecross	12, 13, 14, 16, 17, 18, 21
		14, 21
Reuter's Leghorns, Route 1, Holland, New York	SCWL	
Rothway Farms, 3440 Van Buren, Phoenix, Arizona	Hy-Line 934 C	9
Smith, Blanton, 927 Gallatin Road, Nashville, Tennessee	Hy-Line 934 C	17
Strain Hatchery, Dalton, Georgia	SCWL, H&N "Nick Chick"	16
Sun Valley Hatchery, 4002 S. Central Ave., Phoenix, Arizona	SCWL, H&N "Nick Chick"	9
Swift & Co., Trenton, Missouri	Warren Sex-Sal-Link	12
Thompson, J. N. Hatchery & Breeding Farm, Pottsville, Ark.	Thompson White Rock	19, 20
Townline Poultry Farm, Zeeland, Michigan	SCWL 30	12, 16, 21
Tyson's Hatchery, Springdale, Arkansas	Vantress Dom. Wh.	20
Vance Hatchery, Shallowater, Texas	SCWL, H&N "Nick Chick"	17
Wallace Hatchery, Inc., P. O. Bx. 11236, St. Petersburg 33, Fla.	Hy-Line 934 C	10
Wallace Hy-Cross Hatchery, Doylestown, Pennsylvania	Hy-Line 934 C	15
Warren, J. J., North Brookfield, Massachusetts	RIR	13, 21
	Sex-Sal-Link	12, 14, 16, 21
	Hy-Line 934 C	18
Wilson Poultry Farm & Hatchery, Clyde, Texas	SCWL, Honegger Layer	15
Windle's Hatchery, Cochranville, Pennsylvania	SCWL, Darby DX	11
Yellowstone Hatchery, Billings, Montana		

ROP CANDIDATE RECORDS
Single-Comb White Leghorn

Breeder's Name and Address	Pullets on Farm		Pullets of this breed and variety trapnested		Individually pedigreed pullets trapnested		Pullets withdrawn		Pullets entered in ROP		Meeting ROP requirements				Basis of qualifying ROP females	Average egg production all birds entered on 10-mo. basis	Average egg production all birds entered on 365-day basis	Average of all birds trapnested		1959 Single-Male Matings		Years in ROP
	(a) No.	(b) No.	(c) No.	(d) No.	(e) No.	(f) No.	Percent		(h) Percent entered on 365-day basis	(i)	(j) %	(k) No.	(l) oz.	(m) lbs.				(n) No.	(o) No.			
							(g) %	(f) No.														
Brender's Leghorns Ferndale, New York	40,000	7,690	7,690	1,619	6,071	3,671	60.5															
*Burr Poultry Farm Rt. 1, Tunkhannock, Pennsylvania	4,200	1,500	1,375		1,375	819	59.5															
Cashman's Leghorn Farm Webster, Kentucky	2,674	1,520	1,520		1,520	896	86.9															
Colonial Poultry Farms Pleasant Hill, Missouri	7,000	1,742	1,670	***69	1,673	141			8.42	A												
Edmonds Trapnest Leghorns Luverne, Minnesota	500	500	495	5	495	239			48.2	A												
Fletcher, J. O. & Son Concord, North Carolina	3,000	860	651	209	651	301	46.2			B	53.0											
Foreman Poultry Farm Lowell, Michigan	1,800	579	579		579	334	57.7			B	61.7											
Gasson's Poultry Farm Versailles, Ohio	11,400	2,175	2,087	88	2,087	1,813	86.9			B	73.0											
Hanson, J. A. Leghorn Farm P. O. Box 692, Corvallis, Oregon	8,000	1,798	1,524	159	1,639	1,287			78.52	A												
Haws, Geo. G. (Del Rio Farm) Rt. 1, Box 470, Mesa, Arizona	482	176			176	26	14.8			D												
Larson, Archie M. Rt. 3, Weiser, Idaho	152	152	152		152	55	36.1		36.1	A												
Robinson Poultry Farm Pine City, Minnesota	3,349	400	400		400	149			37.2	A												
Stanek Poultry Farm Meshoppen, Pennsylvania																						
*Virchow Poultry Farm Waupaca, Wisconsin	2,750	678	834		834	320	38.4		38.4	A												

Breeding Pens Only

* Not trapnesting this breed and variety in 1959-60.

*** All breeding pens had multiple full brothers heading pens. No single male matings.

*** Trapnesting discontinued on 1,274 birds in May. Only 218 continued for year.

ROP CANDIDATE RECORDS
Rhode Island Red

Breeder's Name and Address	Pullets on Farm	Pullets of this breed and variety trapnested	Individually pedigreed pullets trapnested	Pullets withdrawn	Pullets entered in ROP	Meeting ROP requirements			Basis of qualifying ROP females	Average egg production all birds entered on 10-mon. basis	Average egg production all birds entered on 365-day basis	Average of all birds trapnested		1959 Single-Male Matings	Years in ROP		
						Number	Percent	Percent entered on 365-day basis				Egg Weight	Body Weight				
														(a)	(b)	(c)	(d)
Anderson, Ralph W. Hanover, Massachusetts	679	304	304		304	No.	%	%	B	59.6	No.	oz.	lbs.	No.	No.	No.	27
Avery, C. T. and Son Colrain, Massachusetts	6,944	913	913		913	486	53.2		B	52.9		24.5	5.9	14	172	31	
*Crooks Farm North Brookfield, Massachusetts	5,889	316	316		316	236	74.7		B	69.5		25.7	5.8	18	216	33	
Harco Orchards & Poultry Farm South Easton, Massachusetts	3,530	1,789	1,552		1,789	1,531	85.6	85.6	A		264.1	27.0	6.2	21	336	17	
Hardy, C. Nelson & Son Essex, Massachusetts	4,011	526	526		526	462	87.8		B	72.6		25.8	5.7	23	202	17	
Haws, Geo. G. (Del Rio Farm) Rt. 1, Box 470, Mesa Arizona	1,322	340			340	290	85.4		D			24.8		16	187	18	
Norfolk Co. Agricultural School Walpole, Massachusetts	700	244	244		244	94	38.5		B	47.0		24.9	5.3	15	114	34	
Parmenter Reds, Inc. Franklin, Massachusetts	20,187	2,901	2,901		2,901	1,502	51.8		B	54.3		26.0		50	642	32	
Pineland Red Farm Rt. 1, Mayesville, South Carolina	580	339	336	3	336	230	68.5	68.5	A		228	24.7		7	85	22	
*Warren, J. J. No. Brookfield, Massachusetts	7,586	5,045	3,255	1,790	3,255	1,138	35.0		B	51.2		26.3	5.4	46	528	32	

White Plymouth Rock

Anderson, Ralph W. Hanover, Massachusetts	5,886	281	281		281	207	73.7		B	64.2		25.5	6.6	7	112	5
Blue Diamond Poultry Farm Redwood Falls, Minnesota	1,640	400	376	24	376	231		57.7	A		206.0	26.2	6.7	32	476	18

* Not trapnesting this breed and variety in 1959-60.

ROP CANDIDATE RECORDS
White Plymouth Rock

Breeder's Name and Address	Pullets on Farm		Pullets of this breed and variety trapnested		Individually pedigreed pullets trapnested		Pullets withdrawn		Pullets entered in ROP		Meeting ROP requirements			Basis of qualifying ROP females		Average egg production all birds entered on 10-mo. basis		Average egg production all birds entered on 365-day basis		Average of all birds trapnested		1959 Single-Male Matings		Years in ROP	
	(a)	(b)	(c)	(d)	(e)	Number		Percent	Percent entered on 365-day basis	(i)	(j)	(k)	Egg Weight		Body Weight		(u)	(v)	(w)	(x)	(y)	(z)	(aa)	(ab)	
						(f)	(g)						(l)	(m)											
Botkin Poultry Farm Berea, Kentucky	No.	No.	No.	No.	No.	No.	%	%	%	B	%	No.	oz.	lbs.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	
Lawton, A. C. & Sons Foxboro, Massachusetts	2,000	400	400		400	341	85.3			B	70.4		25.6	5.5	12	182	15								
Lee's Poultry Farm Brookville, Ohio	2,199	797	797		797	549	68.9			B	63.0		24.7	5.5	27	329	27								
	1,597	376	376		376	176	47.0			B	36.3		26.0		10	170	12								

Barred Plymouth Rock

Bishop, R. Walter Guilford, Connecticut	129	94	94		94	60	63.7	63.7	A		212			23.8	6.7	22	121	32								
Harco Orchards & Poultry Farm So. Easton, Massachusetts	5,823	1,991	1,697		1,991	1,674	84.1	84.1	A		258.2			25.7	6.2	21	336	17	25.7		6.2		21		336	
Parmelee, Harold R. Rockfall, Connecticut	4,200	750	750		750	398	53.1		B	57.0				25.9	5.7	16	233	16	25.9		5.7		16		233	

New Hampshire

*Nedlar Farms, Inc. Peterborough, New Hampshire	3,726	683	634	49	634	443	69.8		B	65.1				24.1	5.2	20	261	35								
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Delawares

*Colonial Poultry Farms Pleasant Hill, Missouri	193	193			193	61	31.6		B	52.2				25.2	6.4			1								
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* Not trapnesting this breed and variety in 1959-60

ROP CANDIDATE RECORDS
New England Whites

Breeder's Name and Address	Pullets on Farm		Pullets of this breed and variety trapnested		Individually pedigreed pullets trapnested		Pullets withdrawn		Pullets entered in ROP				Meeting ROP requirements				Basis of qualifying ROP females		Average egg production all birds entered on 10-mo. basis		Average egg production all birds entered on 365-day basis		Average of all birds trapnested		1959 Single-Male Matings		Years in ROP																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
	No.	(a)	No.	(b)	No.	(c)	No.	(d)	No.	(e)	No.	(f)	No.	(g)	%	(h)	%	No.	(i)	%	No.	(k)	oz.	lbs.	No.	(n)	No.	(o)	No.	(p)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						

Black Australorps

Edmond's Trapnest Leghorn Farm Luverne, Minnesota	500	500	494	6	494	272		55.0	A		221.0	24.5	6.1	8	145	18
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California Grays

Edmonds Trapnest Leghorn Farm Luverne, Minnesota	300	300	0	300	104	34.6	A	189.0	25.7	6.0	7	138	3
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On-The-Farm Performance Test

Breeder's Name and Address	Breed and Variety and Grade Designation	Females in Sampled Flocks	Pullet Chicks Started	Pullets Housed	Age at Housing	Age at 50% Production	Average egg weight at 240 days	Average to 500 days of age		Average 11-13 mos. of age	Adult Mortality			
								Egg Production				Egg Wt. (k) (l)		
								Hen- housed (i) (j)	Hen- day (j) (l)					
													No.	%
Norfolk Co. Agricultural School Walpole, Massachusetts	New England Whites Certified	95	130	121	139	176		148.3	51.1	23.6	4.6	35.5		
Norfolk Co. Agricultural School Walpole, Massachusetts	RIR, Certified	225	134	119	139	175		185.9	63.0	207.1	5.5	15.1		

Performance Tested Parent Stock - Candidate Records

Fourth Arizona Random Sample Laying Test

Breeder's Name and Address	Breed and Variety and Grade Designation	Females in Sampled Flocks	Pullet Chicks Started	Pullets Housed	Age at Housing	Age at 50% Production	Average egg weight at 240 days	Average to 500 days of age			Average Annual Egg Weight	Body Weight at end of year	Adult Mortality
								Egg Production; Hen-housed	Egg Production; Hen-day	Egg Production; % from age at 50% Production			
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	
	No.	No.	No.	days	days	oz.	No.	No.	%	oz.	lbs.	%	
Heisdorf & Nelson Farms, Inc. (Sun Valley Hatchery, 4002 So. Central Ave., Phoenix)	SCWL, Str. Cr., H & N "Nick Chick"	100	90	160			201.0		65.6	23.9	4.1	14.7	
Hy-Line Poultry Farms (Rothway Farms 3440 East Van Buren, Phoenix)	Hy-Line 934 C Incrossbred	100	90	160			214.1		64.5	24.9	3.5	4.5	

Performance Tested Parent Stock - Candidate Records
Seventh Florida Random Sample Test

Breeder's Name and Address	Breed and Variety and Grade Designation	(a)	(b)	Females in Sampled Flocks	(c)	Pullet Chicks Started	(d)	Age at Housing	(e)	(f)	Average egg weight at 240 days	Average to 500 days of age				Body Weight at end of year	Adult Mortality
												(h)	(i)	(j)	(k)		
			No.	No.	No.	No.	No.	days	days	days	oz.	No.	No.	%	oz.	lbs.	%
												233.5	243.9	73.1	25.8	4.5	14.9
												226.9	242.7	72.3	24.6	4.4	11.6
												223.6	235.1	69.9	25.0	4.5	8.2
												235.0	238.6	70.1	23.7	4.3	4.3
												248.6	252.8	74.4	23.8	4.5	4.2
												224.3	233.7	70.1	24.8	4.4	10.6
												233.1	257.9	77.7	24.5	4.3	14.0
												264.8	264.8	78.3	24.4	4.1	None
												211.4	247.5	74.4	24.5	4.3	20.8
												231.4	247.9	74.1	24.7	4.3	10.4

Performance Tested Parent Stock - Candidate Records
Third Intermountain Random Sample Egg Laying Test

Breeder's Name and Address	Breed and Variety and Grade Designation	Females in Sampled Flocks	Pullet Chicks Started	Pullets Housed	Age at Housing	Age at 50% Production	Average egg weight at 240 days	Average to 500 days of age				Average Annual Egg Weight	Body Weight at end of year	Adult Mortality
								Egg Production; Hen-housed	Egg Production; Hen-day	Egg Production; % from age at Hen-day	50% Production			
Darby Leghorn Farm (Dirkse Leghorn Farm, Zeeland, Michigan)	SCWL Str. Cr. Darby	No.	No.	No.	days	days	oz.	No.	No.	%	oz.	lbs.	%	
Darby Leghorn Farm (Yellowstone Hatchery, Billings, Montana)	SCWL Pure Str. Darby DX		70	69	150	181		208.4				4.6	8.7	
Hansen's Leghorn City Puyallup, Washington	SCWL Str. Cr. Criss-Cross 60		70	69	150	178		185.0				4.7	13.0	
Heisdorf & Nelson Farms, Inc. Kirkland, Washington	SCWL Str. Cr. H & N "Nick Chick"		70	69	150	175		207.2						
Honegger Farms Co., Inc. Forrest, Illinois	SCWL Str. Cr. Honegger Layer		70	69	150	179		212.8						
Hy-Line Poultry Farms, Inc. Des Moines, Iowa	Hy-Line 934 A Incrossbred		70	69	150	176		221.4				4.5	14.5	
Hy-Line Poultry Farms, Inc. Des Moines, Iowa	Hy-Line 934B Incrossbred		70	68	150	177		226.3				4.1	11.6	
												4.1	4.4	

Second Minnesota Random Sample Test

Hy-Line Poultry Farms (Hy-Line Poultry Farm, Owatonna, Minnesota)	Hy-Line 934C Incrossbred		125	100	155	177	25.5	251.7	232.0	77.0	25.8	4.2	1.0
Babcock Poultry Farm (Johnson Chick Hatchery, Racine, Minnesota)	SCWL Str. Cr. Babcock Bessie		125	100	155	181	24.9	238.8	244.3	75.2	25.3	4.4	5.0
Heisdorf & Nelson Farms (Lowry Hatchery, Lowry, Minn.)	SCWL Str. Cr. H & N "Nick Chick"		125	100	155	166	24.2	254.9	260.0	76.2	24.8	4.4	3.0
Mt. Hope Poultry Farm (Maple Dale Hatchery, Austin, Minnesota)	SCWL Str. Cr. Mt. Hope Queen		125	100	155	180	24.9	217.1	232.6	71.1	25.6	4.3	12.0

Performance Tested Parent Stock - Candidate Records
Fifth Missouri Official Random Sample Poultry Test

Breeder's Name and Address	Breed and Variety and Grade Designation	Females in Sampled Flocks	Pullet Chicks Started	Pullets Housed	Age at Housing	Age at 50% Production	Average egg weight at 240 days	Average to 500 days of age			Average Annual Egg Weight	Body Weight at end of year	Adult Mortality
								Egg Production; Hen-housed	Egg Production; Hen-day	Egg Production; % from age at 50% Production			
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	
		No.	No.	No.	days	days	oz.	No.	No.	%	lbs.	%	
Babcock Poultry Farm Ithaca, New York	SCWL Str. Cr. Babcock Bessie		60	50	163	183		236.8	238.0	75.1	27.1	4.6	2.0
Darby Leghorn Farm (Dirkse Leghorn Farm Zeeland, Michigan)	SCWL Str. Cr. Darby DX		60	50	163	181		245.2	247.9	75.3	26.2	4.6	2.0
Darby Leghorn Farm (Dirkse Leghorn Farm Zeeland, Michigan)	SCWL Pure Str. Darby		60	50	163	172		229.3	245.9	75.0	25.0	4.6	12.0
Hansen's Leghorn City Puyallup, Washington	SCWL Str. Cr. Criss Cross Sixty		60	50	163	169		253.7	255.4	77.2	26.9	4.8	2.0
Heisdorf & Nelson Farms, Inc. Kirkland, Washington	SCWL Str. Cr. H & N "Nick Chick"		60	50	163	164		268.9	268.9	80.1	24.4	4.3	0.0
Honegger Farms Co. Inc. Forrest, Illinois	SCWL Str. Cr. Honegger Layer		60	50	163	175		242.0	242.3	74.5	25.7	4.6	2.0
Hy-Line Poultry Farms, Inc. Des Moines, Iowa	Hy-Line 934 C Incrossbred		60	50	163	172		270.5	270.5	82.5	26.2	4.3	0.0
Mount Hope Poultry Farm (Liechty's Poultry Farm Wauseen, Ohio)	SCWL Str. Cr. Mt. Hope Queen		60	50	163	173		235.5	251.6	76.9	26.1	4.4	12.0
Rapp Leghorn Farm, Inc. Farmingdale, New Jersey	SCWL Str. Cr. Linecross Leghorn		60	50	163	173		251.5	253.8	75.6	26.5	4.3	4.0
Schaible, Louis D. Shiloh, New Jersey	SCWL Str. Cr. Commercial		60	50	163	183		235.8	240.2	75.8	26.9	4.6	2.0
Warren, J. J. (Swift & Company, Trenton, Missouri)	RIR X RIW Crossbred Sex-Sal-Links		60	50	163	180		227.8	228.3	71.3	26.2	5.4	2.0
Townline Poultry Farm Zeeland, Michigan	SCWL Str. Cr. 30		60	50	163	175		245.3	246.2	75.8	26.0	4.5	2.0

Performance Tested Parent Stock - Candidate Records
First New Jersey Random Sample Egg Laying Test

Breeder's Name and Address	Breed and Variety and Grade Designation	(b) Females in Sampled Flocks	(c) Pullet Chicks Started	(d) Pullets Housed	(e) Age at Housing days	(f) Age at 50% Production days	(g) Average egg weight at 240 days oz.	Average to 500 days of age				(k) Average Annual Egg Weight oz.	(l) Body Weight at end of year lbs.	(m) Adult Mortality %
								(h) Egg Production; Hen-housed No.	(i) Egg Production; Hen-day No.	(j) Egg Production; Hen-day % from age at 50% Production				
Babcock Poultry Farm (Melini's Vineland Farms Hatchery, Vineland, N. J.)	SCWL Str. Cr. Babcock Bessie	No.	No.	No.	50	160	179	223.1	227.2	69.6	25.1	4.2	6.0	
Darby Leghorn Farm Somerville, New Jersey	SCWL Str. Cr. Darby DX		55	48	160	190		209.2	224.1	70.6	24.9	4.2	14.6	
Heisdorf & Nelson Farms, Inc. (Dav-El Hatchery, Lakewood, New Jersey)	SCWL Str. Cr. H & N "Nick Chick"		55	50	160	171		232.7	245.4	73.5	23.3	4.2	14.0	
Honegger Farms Co., Inc. (Golden Egg Hatchery, Lakewood, New Jersey)	SCWL Str. Cr. Honegger Layer		54	50	160	182		222.0	237.7	72.9	23.3	4.2	12.0	
Mount Hope Poultry Farm Batavia, New York	SCWL Str. Cr. Mt. Hope Queen		55	50	160	184		243.1	250.6	77.2	23.5	3.9	6.0	
Nimton Leghorn Breeding Farm Bridgeton, New Jersey	SCWL Str. Cr. Commercial		55	50	160	181		229.0	241.1	73.6	24.3	4.4	12.0	
Rapp Leghorn Farm, Inc. Farmingdale, New Jersey	SCWL Str. Cr. Linecross Leghorn		55	50	160	174		242.3	248.7	75.0	23.9	4.3	10.0	
Schaible, Louis D. Shiloh, New Jersey	SCWL Str. Cr. Commercial		47	46	160	176		229.0	234.6	70.8	25.1	4.5	6.5	
Warren, J. J. North Brookfield, Mass.	RIR Warren		55	50	160	195		181.8	201.1	65.0	24.8	5.1	24.0	

Ninth Central New York Official Random Sample Poultry Test

Babcock Poultry Farm Ithaca, New York	SCWL Str. Cr. Babcock Bessie		58	50	160	181		221.3	236.0	69.3	24.8	4.3	14.0
Heisdorf & Nelson, Inc. Kirkland, Washington	SCWL Str. Cr. H & N "Nick Chick"		60	50	160	180		241.4	252.4	74.2	23.9	4.3	15.4
Honegger Farms Co., Inc. Forrest, Illinois	SCWL Str. Cr. Honegger Layer		56	50	160	174		198.8	229.3	67.3	24.7	4.3	23.8

Performance Tested Parent Stock - Candidate Records
Ninth Central New York Official Random Sample Poultry Test (Cont'd.)

Breeder's Name and Address	Breed and Variety and Grade Designation	Females in Sampled Flocks	Pullet Chicks Started	Pullets Housed	Age at Housing	Age at 50% Production	Average egg weight at 240 days	Average to 500 days of age			Average Annual Egg Weight	Body Weight at end of year	Adult Mortality
								Egg Production; Hen-day	Egg Production; Hen-day	Egg Production; % from age at 50% Production			
	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
Hy-Line Poultry Farms, Inc. Des Moines, Iowa	Hy-Line 934 C Incrossbred	No.	No.	No.	days	days	oz.	No.	No.	%	oz.	lbs.	%
Keystone Poultry Farm Ephrata, Pennsylvania	SCWL Str. Cr.		59	50	160	188		233.5	239.9	70.4	25.4	4.2	20.0
Mount Hope Poultry Farm Batavia, New York	Keystone Leghorn SCWL Str. Cr.	53	50	50	160	173		209.2	225.9	66.1	25.4	4.7	17.4
Rapp Leghorn Farm, Inc. Farmingdale, New Jersey	Mt. Hope Queen SCWL Str. Cr.	59	50	50	160	181		223.8	231.4	67.9	25.1	4.3	21.4
Reuter, Henry Holland, New York	Linecross Leghorn SCWL Str. Cr.	60	50	50	160	178		214.4	229.7	67.6	24.9	4.4	15.4
Schaible, Louis D. Shiloh, New Jersey	SCWL Str. Cr. Commercial	58	50	50	160	172		189.4	214.4	63.2	24.7	4.8	23.2
		60	50	50	160	180		222.8	230.3	67.7	25.4	4.4	11.4

Fifth Western New York Official Random Sample Poultry Test

Babcock Poultry Farm, Inc. Ithaca, New York	SCWL Str. Cr. Babcock Bessie		60	50	160	179.0		196.2	222.2	65.6	25.3	4.4	29.0
Darby Leghorn Farm (Dirkse Leghorn Farm Zeeland, Michigan)	SCWL Pure Str. Darby		59	50	160	185.0		198.2	221.3	62.8	24.4	4.8	23.4
Hansen's Leghorn City Puyallup, Washington	SCWL Str. Cr. Criss Cross Sixty RIR x NH		58	50	160	177.0		212.4	228.9	67.2	25.1	4.8	22.6
Hubbard Farms Walpole, New Hampshire	Crossbred 496 WPR, Pure Str.		60	50	160	171.5		211.2	220.7	65.0	25.0	6.3	20.7
Lawton & Sons Foxboro, Massachusetts	Certified Candidate SCWL Str. Cr.		58	50	160	186.0		214.1	223.0	65.5	25.2	5.8	14.9
Reuter, Henry Holland, New York			57	50	160	168.5		218.7	226.2	66.5	24.7	4.8	15.7
Warren, J. J. North Brookfield, Mass.	RIR x RIW Crossbred Sex-Sal-Links		60	50	160	187.5		228.8	239.6	70.3	25.6	6.1	9.7

Performance Tested Parent Stock - Candidate Records
Second Pennsylvania Random Sample Laying Test

Breeder's Name and Address	Breed and Variety and Grade Designation	Females in Sampled Flocks	Pullet Chicks Started	Pullets Housed	Age at Housing days	Age at 50% Production days	Average egg weight at 240 days oz.	Average to 500 days of age			Average Annual Egg Weight (k) oz.	Body Weight at end of year (l) lbs.	Adult Mortality (m) %
								Egg Production; Hen-housed (h) No.	Egg Production; Hen-day (i) No.	Egg Production; % from age at 50% Production (j) %			
Avery, C. T. & Son Colrain, Massachusetts	RIR x BPR Sex-Link Crossbred	No.	No.	No.	150	178	25.2	201.3	234.1	66.8	25.4	6.5	22.0
Babcock Poultry Farm, Inc. Ithaca, New York	SCWL Str. Cr. Babcock Bessie		61	50	150	176	23.5	239.2	250.4	71.5	23.9	4.3	8.0
Cameron Hatchery Beaver Springs, Pennsylvania	SCWL Str. Cr. DMX		62	50	150	176	24.4	244.4	257.7	73.6	24.7	4.6	8.0
Cunningham, John Beaver Falls, Pennsylvania	SCWL Pure Str. Group 458		62	50	150	173	23.3	239.7	247.1	70.6	24.0	4.4	10.0
Darby Leghorn Farm Somerville, New Jersey	SCWL Str. Cr. Darby DX		62	50	150	181	24.3	222.4	238.4	68.1	24.5	4.2	2.0
Hansen's Leghorn City Puyallup, Washington	SCWL Str. Cr. Criss Cross 61		62	50	150	178	23.9	248.6	252.6	72.1	24.2	4.4	2.0
Heisdorf & Nelson Farms, Inc. (Amstutz Hatchery, Somerset, Pennsylvania)	SCWL Str. Cr. H & N "Nick Chick"		62	50	150	179	23.8	232.1	235.2	67.2	24.0	4.5	6.0
Honegger Farms Co., Inc. (Windles Hatchery, Cochranville, Pennsylvania)	SCWL Str. Cr. Honegger Layer		62	50	150	179	23.4	243.1	249.4	71.2	25.3	4.2	6.0
Hubbard Farms Lancaster, Pennsylvania	RIR x NH Crossbred 496		62	50	150	177	25.2	219.0	243.0	69.4	25.2	6.3	22.0
Hy-Line Poultry Farms, Inc. (Wallace Hy-Cross, Inc., Doylestown, Pennsylvania)	Hy-Line 934 C Incrossbred		62	50	150	173	24.7	260.8	265.8	75.9	25.2	4.2	2.0
Keystone Poultry Breeding Farm Ephrata, Pennsylvania	SCWL Str. Cr. Keystone Leghorns		62	50	150	170	24.4	243.9	246.6	70.4	24.5	4.6	10.0
Lee's Poultry Farm Brookville, Ohio	WPR Str. Cr. 301		62	50	150	179	24.2	196.1	204.7	58.4	24.2	6.3	16.3
Longenecker's Hatchery Elizabethtown, Pennsylvania	SCWL Str. Cr. Kimber's K 137		62	50	150	179	24.8	242.2	244.8	69.9	24.7	4.5	6.0

*Item (j) - % Hen-day Production from date of housing (not from age at 50% Production)

Performance Tested Parent Stock - Candidate Records
Second Pennsylvania Random Sample Laying Test (Cont. d)

Breeder's Name and Address	Breed and Variety and Grade Designation	Females in Sampled Flocks	Pullet Chicks Started	Pullets Housed	Age at Housing (e) days	Age at 50% Production (f) days	Average egg weight at 240 days (g) oz.	Average to 500 days of age			Average Annual Egg Weight (k) oz.	Body Weight at end of year (l) lbs.	Adult Mortality (m) %
								Egg Production; Hen-housed (h) No.	Egg Production; Hen-day (i) No.	Egg Production; % from age at 50% Production (j) %			
Mount Hope Poultry Farm Batavia, New York	SCWL Str. Cr. Mt. Hope Queen	No.	No.	No.	days	days	oz.						
Nimton Leghorn Farm Bridgeton, New Jersey	SCWL Str. Cr. Commercial		62	50	150	174	24.0	255.0	258.4	73.8	24.0	4.4	8.0
Rapp Leghorn Farm, Inc. Farmingdale, New Jersey	SCWL Str. Cr. Linecross Leghorn		62	50	150	171	24.1	262.3	268.4	76.6	24.1	4.4	4.0
Schaible, Louis D. Shiloh, New Jersey	SCWL Str. Cr. Commercial		55	49	150	174	23.2	236.5	252.5	72.1	23.5	4.2	8.2
Town Line Poultry Farm Zeeland, Michigan	SCWL Str. Cr. 30		62	50	150	172	24.1	245.8	249.3	71.2	24.5	4.4	2.0
Warren, J. J. North Brookfield, Mass.	RIR x RIW Crossbred Sex-Sal-Links		62	50	150	178	23.6	255.7	259.3	74.0	24.0	4.5	10.0
			62	49	150	181	24.5	211.9	238.5	68.1	24.9	5.6	24.5

* Item (j) - % Hen-day Production from date of housing (not from age at 50% Production)

Third Tennessee Random Sample Laying Test

Babcock Poultry Farm, Inc. (Hudson Hatchery, Jonesboro, Tennessee)	SCWL Str. Cr. Babcock Bessie		75	60	150	187.7		186.7		56.9	24.1	4.2	15.0
Darby Leghorn Farm (Dirkse Leghorn Farm, Zeeland, Michigan)	SCWL Pure Str. Darby		75	60	150	189.5		176.4		52.1	23.7	4.5	8.3
Hansen's Leghorn City Puyallup, Washington	SCWL Str. Cr. Criss Cross 61		75	60	150	176.0		207.7		62.2	25.8	4.6	8.3
Heisdorf & Nelson Farms, Inc. Strain Hatchery, Dalton, Ga.	SCWL Str. Cr. H & N "Nick Chick"		75	60	150	164.2		220.1		67.4	23.5	4.3	13.3
Honegger Farms, Inc. Forrest, Illinois	SCWL Str. Cr. Honegger Layer		75	60	150	182.7		221.3		64.0	24.9	4.4	5.0
Hubbard Farms, Inc. Walpole, New Hampshire	RIR x NH Crossbred 496		75	53	150	163.5		188.3		61.9	24.6	6.6	24.5

Performance Tested Parent Stock - Candidate Records
Third Tennessee Random Sample Laying Test (Cont. e)

Performance Tested Parent Stock - Candidate Records
Third Tennessee Random Sample Laying Test (Cont'd.)

Breeder's Name and Address	Breed and Variety and Grade Designation (a)	Females in Sampled Flocks (b)	Pullet Chicks Started (c)	Pullets Housed (d)	Age at Housing (e)	Age at 50% Production (f)	Average egg weight at 240 days (g)	Average to 500 days of age			Average Annual Egg Weight (k)	Body Weight at end of year (l)	Adult Mortality (m)
								Egg Production; Hen-housed (h)	Egg Production; Hen-day (i)	Egg Production; Hen-day % from age at 50% Production (j)			
Hy-Line Poultry Farms, Inc. (Banks Hatchery, Chattanooga, Tennessee)	Hy-Line 934 A Incrossbred	No.	No.	No.	days	days	oz.	No.	No.	%	oz.	lbs.	%
Hy-Line Poultry Farms, Inc. (Blanton Smith, Nashville, Tennessee)	Hy-Line 934 C Incrossbred		75	60	150	168.5		210.6		67.7	24.6	4.3	8.3
Mount Hope Poultry Farm Batavia, New York	SCWL Str. Cr. Mt. Hope Queen		75	60	150	185.7		209.1		63.0	24.9	4.3	10.0
Rapp Leghorn Farm, Inc. Farmingdale, New Jersey	SCWL Str. Cr. Linecross Leghorn		75	60	150	185.5		214.9		63.9	24.4	4.1	11.7

Fifth Texas Random Sample Egg Production Test

Babcock Poultry Farm, Inc. (DeWitt's Texas Hatchery, Inc., Nacogdoches, Texas)	SCWL Str. Cr. Babcock Bessie		90	48	150	182		195.0	206.0	58.8	25.1	4.6	16.7
Babcock Poultry Farm, Inc. (DeWitt's Texas Hatchery, Inc. Nacogdoches, Texas)	SCWL Str. Cr. Babcock Bessie		90	48	150	179		207.0	216.0	62.2	25.9	4.4	8.3
Heisdorf & Nelson Farm, Inc. (Atwood Hatchery, Comanche, Texas)	SCWL Str. Cr. H & N "Nick Chick"		90	48	150	173		210.0	221.0	63.6	24.6	4.7	6.3
Heisdorf & Nelson Farm, Inc. (Vance Hatchery, Shallowater, Texas)	SCWL Str. Cr. H & N "Nick Chick"		90	48	150	170		223.0	225.0	64.6	24.9	4.4	4.2
Honegger Farms Co., Inc. (Flinn's Hatchery, San Antonio, Texas)	SCWL Str. Cr. Honegger Layer		90	48	150	183		194.0	213.0	61.0	25.9	4.7	16.7

Performance Tested Parent Stock - Candidate Records
Fifth Texas Random Sample Egg Production Test (Cont. d)

Breeder's Name and Address	Breed and Variety and Grade Designation	Females in Sampled Flocks	(b) No.	(c) No.	(d) No.	(e) days	(f) days	(g) Average egg weight at 240 days	Average to 500 days of age			(k) Average Annual Egg Weight oz.	(l) Body Weight at end of year lbs.	(m) Adult Mortality %
									Egg Production; Hen-day	Egg Production; Hen-day	Egg Production % from age at 50% Production			
Hy-Line Poultry Farms, Inc. Des Moines, Iowa	Hy-Line 934 C Incrossbred			90	48	150	184			219.0	220.0	63.1	26.6	2.0
Hy-Line Poultry Farms, Inc. (Kazmeier-Sherrill Hatchery, Bryan, Texas)	Hy-Line 934 C Incrossbred			90	48	150	177			224.0	225.0	64.7	26.6	2.0
Hy-Line Poultry Farms, Inc. (Wilson Poultry Farm and Hatchery, Clyde, Texas)	Hy-Line 934 C Incrossbred			90	48	150	177			221.0	232.0	65.7	26.6	2.0

Fourth Wisconsin Chicken Random Sample Test

Babcock Poultry Farm, Inc. Ithaca, New York	SCWL Str. Cr. Babcock Bessie			75	50	150	172	24.0	229.4	254.8	76.3	25.0	4.6	18.0
Darby Leghorn Farm (Dirkse Leghorn Farm, Zeeland, Michigan)	SCWL Str. Cr. Darby DX			71	50	150	170	24.3	237.9	254.1	75.6	25.4	4.7	14.0
Hansen's Leghorn City Puyallup, Washington	SCWL Str. Cr. Criss Cross 60			73	50	150	172	23.6	210.3	233.7	69.8	24.9	4.9	24.0
Heisdorf & Nelson Farms, Inc. Kirkland, Washington	SCWL Str. Cr. H & N "Nick Chick"			80	50	150	163	23.0	242.9	250.6	73.7	24.0	4.5	8.0
Honegger Farms Co., Inc. Forrest, Illinois	SCWL Str. Cr. Honegger Layer			80	50	150	175	23.8	225.8	241.7	72.6	24.9	4.5	12.0
Hy-Line Poultry Farms, Inc. Des Moines, Iowa	Hy-Line 934 A Incrossbred			84	50	150	164	24.1	251.1	259.0	76.3	25.3	4.3	4.0
Hy-Line Poultry Farms, Inc. Des Moines, Iowa	Hy-Line 934 B Incrossbred			80	50	150	166	23.6	260.1	264.0	77.9	25.1	4.2	2.0
Rapp Leghorn Farm Farmingdale, New Jersey	SCWL Str. Cr. Linecross Leghorn			75	50	150	167	23.4	268.8	274.7	81.5	23.7	4.5	4.0

ARKANSAS MEAT PERFORMANCE EGG PHASE TEST NO. 3

AVERAGE PERFORMANCE FOR EGG PRODUCTION AND COMPONENTS OF PRODUCTION

Entrant and joint entrant	Breeding of females	267 day test		Livability per hens housed	Feed conversion (Feed per doz. eggs produced)	Sexual maturity 1/	Average pullet body weight		Fall egg size		Spring egg size		
		Egg production					At 24 weeks	At 61 weeks	Under- 23 oz. per doz.	Average wt. per dozen	Under 23 oz. per doz.	Average wt. per dozen	
		Per hen housed	Per hen day										
COMMERCIAL ENTRIES													
ARBOR ACRE FARMS, Glastonbury, Conn. & JEFF D. BROWN & Co., Springdale, Ark. ARBOR ACRE FARMS, Glastonbury, Conn. & PETERSON SALES, Decatur, Ark. ARBOR ACRE FARMS, Glastonbury, Conn. & TYSON'S FEED & HATCHERY, Springdale, Ark. COBB'S PEDIGREED CHICKS, Concord, Mass. & PETERSON SALES, Decatur, Ark. COBB'S PEDIGREED CHICKS, Concord, Mass. HUBBARD FARMS, Walpole, N. H. HUBBARD FARMS, Walpole, N. H. NICHOLS POULTRY FARMS, Exeter, N. H. NICHOLS POULTRY FARMS, Exeter, N. H. PILCH POULTRY FARMS, Hazardville, Conn. & JEFF D. BROWN & Co., Springdale, Ark. PILCH POULTRY FARMS, Hazardville, Conn. & PETERSON SALES, Decatur, Ark. PILCH POULTRY FARMS, Hazardville, Conn. J. N. THOMPSON HATCHERY & BREEDING FARM, Pottsville, Ark.	Arbor Acre White Rock	50.0	52.6	93.0	7.8	175	5.7	8.8	3.0	25.3	0	27.2	
	Arbor Acre White Rock	41.0	43.0	91.0	8.9	180	5.6	8.4	10.8	24.9	10.3	26.3	
	Arbor Acre White Rock	44.6	46.1	93.0	8.5	180	5.6	8.7	6.8	25.1	0	27.1	
	Cobb's White Rock	51.3	52.8	92.0	7.4	171	6.0	8.5	2.1	25.7	0.8	27.9	
	Cobb's White Rock	47.5	49.4	91.0	7.8	172	5.7	8.6	6.4	25.5	0.5	27.6	
	Hubbard No. 43	58.9	60.1	96.0	6.5	168	5.3	7.7	2.8	25.5	0.6	27.5	
	Hubbard No. 43	60.6	63.9	90.0	6.1	168	5.2	7.4	3.9	25.5	0.3	27.7	
	Nichols No. 108	50.5	51.2	97.0	7.7	174	5.5	7.8	7.2	24.7	5.3	26.3	
	Nichols No. 108	48.1	50.5	91.0	7.7	174	5.5	7.6	4.6	24.9	5.6	26.4	
	Pilch White Rock	45.5	46.2	96.0	8.4	184	5.7	8.5	5.3	24.8	1.7	25.8	
PILCH POULTRY FARMS, Hazardville, Conn. & JEFF D. BROWN & Co., Springdale, Ark. PILCH POULTRY FARMS, Hazardville, Conn. & PETERSON SALES, Decatur, Ark. PILCH POULTRY FARMS, Hazardville, Conn. J. N. THOMPSON HATCHERY & BREEDING FARM, Pottsville, Ark.	Pilch White Rock	47.4	48.2	96.0	7.9	180	5.7	8.4	6.2	24.4	0.3	26.2	
	Pilch White Rock	47.0	48.8	93.0	8.0	180	5.7	8.7	4.2	25.2	2.6	26.9	
	J. N. Thompson White Rock	45.7	49.1	90.0	7.8	173	5.7	8.5	9.7	25.0	0	27.8	
Overall average		49.1	50.9	93.0	7.7	175	5.6	8.3	5.6	25.1	2.2	27.1	

1/ Age of birds on first day when 50 percent of birds laid an egg; the smaller the figure, the more early maturing the birds.

ARKANSAS TEST-MATING MEAT PERFORMANCE BROILER TEST NO. 3A and 3B COMBINED, 1959

AVERAGE PERFORMANCE OF EACH ENTRY

Entrants and breeding of entries			Via- bility to 8 wks. age	Fer- tility	Hatch of fertile eggs	Hatch of eggs set	Pounds chicken per 100 lbs. feed		Average live wt. at 8 weeks age		Uniformity/- Males Females		Evis- cerated carcass yield	Average breast angle	Grade of carcasses				Feed cost per lb. chicken?/live broiler/5	Overall feed cost to pro- duce 1 lb. chicken/5			
Females	Males	Lbs.						Males	Females	Both sexes	Percent	Percent			%A + %B	%A + %B	%A + %B	%A + %B			%A + %B	%A + %B	%A + %B
COMMERCIAL ENTRIES																							
ARBOR ACRE FARMS, Glastonbury, Conn.		JEFF D BROWN & CO., Springdale, Ark.		97.2	80.8	90.7	73.3	47.59	3.31	2.60	2.96	90.17	90.81	70.29	93.3	41	58	1	39	61	0	10.51	12.03
Arbor Acre White Rock		Brown's Ledbreast																					
ARBOR ACRE FARMS, Glastonbury, Conn.		PETERSON SALES, Decatur, Ark.		97.4	70.3	91.1	64.0	48.81	3.36	2.66	3.02	90.71	90.86	69.32	93.5	52	47	1	0	52	48	10.27	12.42
Arbor Acre White Rock		Peterson																					
ARBOR ACRE FARMS, Glastonbury, Conn.		TYSON'S FEED & HATCHERY, Springdale, Ark.		97.2	83.5	93.5	78.1	48.92	3.50	2.84	3.17	90.29	90.57	67.69	92.5	41	53	6	41	55	4	10.23	11.71
Arbor Acre White Rock		Vantress Dom. White																					
COBB'S PEDIGREED CHICKS, Concord, Miss.		PETERSON SALES, Decatur, Ark.		100.0	82.9	89.9	74.5	49.07	3.37	2.72	3.05	90.77	91.63	69.53	93.0	48	51	1	51	48	1	10.20	11.58
Cobb's White Rock		Peterson																					
COBB'S PEDIGREED CHICKS, Concord, Mass.		Cobb's White Rock		97.0	93.2	85.8	80.0	47.31	3.24	2.56	2.91	89.89	89.71	66.99	90.3	17	75	8	17	75	8	10.58	12.03
Cobb's White Rock																							
HUBBARD FARMS, Walpole, N. H.		Peterson		98.0	86.8	89.9	78.0	46.85	3.20	2.58	2.90	90.16	89.73	69.30	92.3	37	57	6	36	59	5	10.68	11.90
Hubbard No. 43																							
HUBBARD FARMS, Walpole, N. H.		Hubbard No. 43		98.6	77.1	88.8	68.5	47.27	3.25	2.60	2.93	90.39	90.44	68.08	90.5	19	73	8	19	73	8	10.59	11.88
Hubbard No. 43		Vantress Dom. White																					
NICHOLS POULTRY FARMS, Exeter, N. H.		Peterson		98.8	88.2	91.9	81.1	50.25	3.25	2.66	2.96	90.54	90.83	67.78	90.3	31	67	2	30	65	5	10.27	11.70
Nichols No. 108																							
PILCH POULTRY FARMS, Hazardville, Conn.		JEFF O. BROWN & CO., Springdale, Ark.		97.8	78.5	87.0	68.3	48.39	3.44	2.72	3.08	90.22	90.44	68.27	93.8	47	53	0	46	54	0	10.34	12.06
Pilch White Rock		Brown's Ledbreast																					
PILCH POULTRY FARMS, Hazardville, Conn.		PETERSON SALES, Decatur, Ark.		98.8	73.0	92.0	67.2	48.04	3.39	2.67	3.03	90.62	90.10	69.21	92.5	36	60	4	36	60	4	10.42	12.09
Pilch White Rock		Peterson																					
PILCH POULTRY FARMS, Hazardville, Conn.		Vantress Dom. White		96.7	69.1	90.3	62.4	48.63	3.46	2.78	3.12	90.74	91.00	69.16	93.7	52	48	0	49	51	0	10.29	12.06
Pilch White Rock																							
J. N. THOMPSON HATCHERY & BREEDING FARM Pottsville, Ark.		J. Thompson White Rock		97.2	91.5	90.0	82.4	47.23	3.42	2.73	3.08	91.60	91.28	66.96	92.7	37	57	6	37	58	5	10.59	11.94
J. Thompson White Rock				97.9	81.2	90.1	73.2	48.20	3.35	2.68	3.02	90.51	90.62	68.55	92.4	38	58	4	34	59	7	10.41	11.95
Overall average																							

- 1/ 100 minus coefficient of variation. The larger the numerical value, the more uniform the birds.
- 2/ Feed cost from day-old chick to broiler age.
- 3/ Includes feed cost to produce baby chick.

Chicken Stocks Qualified as U. S. Performance Tested Parent Stock for Eggs, 1957-58 and 1958-59

Entrant	Stock	
	1957-58	1958-59
Babcock (New York)		WL, Str. Cr., Babcock Bessie
Cameron (Pennsylvania)		WL, Str. Cr., Cameron DMX
Cashman (Kentucky)	WL, Str. Cr., Hi-Cash	
Colonial (Missouri)	WL; True Line 365	
Cunningham (Pennsylvania)		WL, Pure Str., Group 458
Darby (New Jersey)		WL, Str. Cr., Darby DX
Dirkse (Michigan)	*WL, Pure Str. Darby	
Jack Frost (Minnesota)	WL, Str. Cr., "Frostline"	
Gasson (Ohio)	WL Str. Cr., G-33	
Ghostley (Minnesota)	WL, Str. Cr., 007	
Hansen (Washington)	WL, Str. Cr. 60	WL Str. Cr., 60, 61
Heisdorf & Nelson (Washington)	WL, Str. Cr., "Nick Chick"	WL, Str. Cr., "Nick Chick"
Honegger (Illinois)		WL Str. Cr., Honegger Layer
Hubbard (New Hampshire)	Crossbred, 496	Crossbred, 496
Hy-Line (Iowa)	Hy-Line 934A, 934B, 968	Hy-Line 934A, 934B, 934C
Keystone (Pennsylvania)	WL, Str. Cr., Keystone	WL Str. Cr., Keystone
Land-O-Lakes (Minnesota)	WL, Str. Cr., Land-O-Lakes	
Longenecker (Pennsylvania)		*WL, Str. Cr., Kimber 137
Mt. Hope (New York)		WL, Str. Cr., Mt. Hope Queen
Nimton (New Jersey)		WL, Str. Cr.
Pennsylvania Farm Bureau (Pa.)	WL, Str. Cr., LSC 55	
Rapp (New Jersey)		WL, Str. Cr., Rapp Line Cross
Reuter (New York)		WL, Str. Cr.
Rochester (Minnesota)	*WL, Str. Cr. Kimber K137	
Schaible (New Jersey)		WL, Str. Cr., Commercial
Speltz (Minnesota)	*DeKalb 101	
Stone (Minnesota)	Crossbred, California White and WL Pure Str.	
Townline (Michigan)	WL Str. Cr., 30	WL, Str. Cr., 30
Warren (Massachusetts)		RIR Pure Str. and Crossbred Sex-Sal-Links

Chicken Stocks Qualified as U. S. Performance Tested Parent Stock for Meat, 1957-58 and 1958-59

Christie (New Hampshire)	Christie N. H. female <u>and</u> Peterson Wh. Cornish male	
Cobb (Massachusetts) <u>and</u> Peterson (Arkansas)		Cobb W. R. female <u>and</u> Peterson Wh. Cornish male
Coe (Arkansas)	Coe W. R. female <u>and</u> Peterson Wh. Cornish male	
Holtzapple (Ohio)	Holtzapple W. R. female <u>and</u> Vantress Wh. Cornish male	
Hubbard (New Hampshire)	Hubbard 43 female <u>and</u> Vantress Wh. Cornish male	
Pilch (Connecticut) <u>and</u> Brown (Arkansas)		Pilch W. R. female <u>and</u> Brown Ledbreast male
Pilch (Connecticut) <u>and</u> Peterson (Arkansas)		Pilch W. R. female <u>and</u> Peterson Wh. Cornish male
Pilch (Connecticut) <u>and</u> Vantress (Georgia)		Pilch W. R. female <u>and</u> Vantress Wh. Cornish male
Thompson (Arkansas)		Thompson W. R. female <u>and</u> Thompson W. R. male

State and Division	Breeders	Flocks	Candidates Trapnested	Candidates Individually Pedigreed	Candidates Qualified	Single-Male Matings	Females in Single-Male Matings
Connecticut	2	2	844	844	458	38	354
Massachusetts	10	12	13,412	12,881	8,100	255	3,121
New Hampshire	1	1	634	634	443	20	261
New York	1	1	6,071	6,071	3,671	226	1,000
Pennsylvania	2	2	2,209	2,209	1,139	26	601
NORTH ATLANTIC	16	18	23,170	22,639	13,811	565	5,337
Michigan	1	1	579	579	334	31	427
Ohio	2	2	2,463	2,463	1,989	43	755
Wisconsin	1	1	Breeding Pens only			7	148
EAST NORTH CENTRAL	4	4	3,042	3,042	2,323	81	1,330
Minnesota	3	5	2,065	2,065	995	65	1,183
Missouri	1	2	1,866	1,670	202	23	210
WEST NORTH CENTRAL	4	7	3,931	3,735	1,197	88	1,393
North Carolina	1	1	651	651	301	28	560
South Carolina	1	1	336	336	230	7	85
SOUTH ATLANTIC	2	2	987	987	531	35	645
Kentucky	2	2	1,920	1,920	1,237	12	182
SOUTH CENTRAL	2	2	1,920	1,920	1,237	12	182
Arizona	1	2	516	---	316	22	272
Idaho	1	1	152	152	55	--	---
Oregon	1	1	1,639	1,524	1,287	34	307
WESTERN	3	4	2,307	1,676	1,658	56	579
UNITED STATES	30	37	35,357	33,999	20,757	837	9,466

Information in this report was compiled by the Animal Husbandry Research Division,
Agricultural Research Service.

